QUALITY ASSURANCE REPORT/QUALITY CONTROL REPORT

SE/QA/PR/ 225 /2022-23, DATE: 06/10/23		
Name of Work	:	Package No 07 (Consist of 7 works) Estimated cost 1000.00 Lakhs
Job Code	:	009-23-000004
Bill No.& Amount	:	**2nd&Part Bill.Rs.5,11,94,078.17 (Including GST)**
Name of Agency	:	**Sri. K. Lakshmi Narayana Reddy**
Type of Test Performed	:	Rebound Hammer test as per IS13311-(2)-1992&Bitumen Content and Gradation test as per Table 500.10&Table 500.17 MoRTH V Revision.
Materials on which Tests Was Performed	:	1. RCC Drain wall (M20) 2. Precast cover slab(M20) 3. CC Road (M30) 4. Kerb Stone (M20) 5. Dense Bituminous Concrete (Grade II) 6. Bituminous Concrete (Grade II)
Officers present during inspection	:	1.Sri.Jayanth KumarAE – Ward No.11 2. Smt. L.VaralakshmiEE-Quality Assurance 3. Sri .K.M.Yadukrishna AEE-Quality Assurance
Project Management Consultants	:	M/s Karnataka Material Test House Pvt Ltd
Observations	:	➢ NDT (Rebound hammer test) and Bitumen content & Gradation test was conducted by Project Management Consultants representative at random locations in presence of AE(Ward No.11) along with EE QA division& AEE QA division. ➢ The Rebound Hammer Test was conducted randomly on RCC Drain wall (M20), Precast cover slab (M20), CC Road (M30)&Kerb Stone (M20) and also Bitumen content & Gradation Test were conducted for DBM (Grade II) & BC (Grade-II). The readings and results are recorded by the PMC consultants. ➢ The readings of Rebound Hammer Test and Bitumen Content & Gradation Test results are tabulated and analysis of test results done by PMC is here by furnished. ➢ The location wise test results are reproduced in the tables shown below.
Test Locations	:	**Location 1:** 2nd Cross Road - Naidu Layout (Opp To Krishna #42 House, RHS Near 2nd Cross Road Culvert, Opp To Sabari Villa #47 House) **Location 2:** L.G Enclave Main Road(Opp To Veggie Box Shop, Opp To H.N - 38 Manoj Kumar House, Opp To Anugraha #16 L.G Enclave M.E Jyothish House) **Location 3:** 3rd Main Road-5th Block HMT Layout(Near Surabhi #775 House, Opp To #799 House, Near 19th Cross Vacant Site) **Location 4:** 9th Cross Road-4th Block HMT Layout (Opp To Kamesh 902 Jayaprakasam Smt. Saraswathi House, Opp To DhaniBeedu #927 House, Opp To 935 Santosh House) **Location 5:** Naidu Layout (Main RoadNear to 2nd cross road culvert, 2nd Cross Road opp to sabari villa house) **Location 6:** 1st Cross road mariyamma block(Near to Ashiward #4 house)

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Table-01: Bitumen Content and gradation Test Results for 2nd Cross Road - Naidu Layout random locations DBM- (GRADE-II)

Landmark/Location	Opp To Krishna #42 House	RHS Near 2nd Cross Road Culvert	Opp To Sabari Villa #47 House
Description	Trial 1	Trail 2	Trail 3
1.Initial weight of sample (gms) w1	550.0	558.0	598.0
2. Initial weight of filter paper (gms) w2	2.0	2.0	2.0
3. final weight of sample after extraction (gms) w3	526.2	533.8	571.0
4. Final weight of filter paper (gms) w4	4.0	4.0	4.0
5.Increased weight of filter paper (gms) w5=(w4-w2)	2.0	2.0	2.0
6. Weight of Bitumen Extracted (gms). w6=w1-w3+w5	25.8	26.2	29.0
7. Bitumen content in % (w6/w1)x100	4.69	4.70	4.8
8.Average	4.73		

SIEVE SIZE mm	Trail 1				Requirement as per MORTH table 500.10
	Weight Retained, gm	Cumulative Weight Retained	Cumulative %Retained	Cumulative% Passing	
37.5	0.0	0	0.00	100.00	100
26.5	20.2	20.2	3.84	96.16	90 - 100
19	81.3	101.5	19.29	80.71	71 - 95
13.2	65.2	166.7	31.68	68.32	56 - 80
4.75	122.2	288.9	54.90	45.10	38 - 54
2.360	59.4	348.3	66.19	33.81	28 - 42
0.300	76.2	424.5	80.67	19.33	7 - 21
0.075	72.6	497.1	94.47	5.53	2 - 8

SIEVE SIZE mm	Trail 2				Requirement as per MORTH table 500.10
	Weight Retained, gm	Cumulative Weight Retained	Cumulative %Retained	Cumulative% Passing	
37.5	0.0	0	0.00	100.00	100
26.5	21.6	21.6	4.05	95.95	90 - 100
19	90.4	112	20.98	79.02	71 - 95
13.2	68.4	180.4	33.80	66.20	56 - 80
4.75	120.4	300.8	56.35	43.65	38 - 54
2.360	62.4	363.2	68.04	31.96	28 - 42
0.300	80.4	443.6	83.10	16.90	7 - 21
0.075	65.2	508.8	95.32	4.68	2 - 8

SIEVE SIZE mm	Trail 3				Requirement as per MORTH table 500.10
	Weight Retained, gm	Cumulative Weight Retained	Cumulative %Retained	Cumulative% Passing	
37.5	0.0	0	0.00	100.00	100
26.5	20.6	20.6	3.61	96.39	90 - 100
19	80.4	101	17.69	82.31	71 - 95
13.2	69.4	170.4	29.84	70.16	56 - 80
4.75	152.2	322.6	56.50	43.50	38 - 54
2.360	62.4	385	67.43	32.57	28 - 42
0.300	100.0	485	84.94	15.06	7 - 21
0.075	56.2	541.2	94.78	5.22	2 - 8

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Table-02: Bitumen Content and gradation Test Results for 2nd Cross Road - Naidu Layout random locations DBM- (GRADE-II)

Landmark/Location	Opp To Krishna #42 House	RHS Near 2nd Cross Road Culvert	Opp To Sabari Villa #47 House
Description	Trial 1	Trail 2	Trail 3
1.Initial weight of sample (gms) w1	528.6	526	534
2. Initial weight of filter paper (gms) w2	2.0	2	2
3. final weight of sample after extraction (gms) w3	500.2	498.6	505.8
4. Final weight of filter paper (gms) w4	4.0	4	4
5.Increased weight of filter paper (gms) w5=(w4-w2)	2.0	2	2
6. Weight of Bitumen Extracted (gms). w6=w1-w3+w5	30.4	29.4	30.2
7. Bitumen content in % (w6/w1)x100	5.75	5.59	5.66
8.Average		5.66	

SIEVE SIZE mm	Trail 1				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	12.6	12.6	2.50	97.50	90-100
9.5	83.6	96.2	19.09	80.91	70-88
4.75	85.4	181.6	36.05	63.95	53-71
2.36	47.2	228.8	45.41	54.59	42-58
1.18	45.0	273.8	54.35	45.65	34-48
0.6	66.8	340.6	67.61	32.39	26-38
0.3	50.2	390.8	77.57	22.43	18-28
0.15	25.4	416.2	82.61	17.39	12-20
0.075	50.8	467	92.70	7.30	4-10

SIEVE SIZE mm	Trail 2				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	16.5	16.5	3.29	96.71	90-100
9.5	98.2	114.7	22.85	77.15	70-88
4.75	76.2	190.9	38.03	61.97	53-71
2.36	48.6	239.5	47.71	52.29	42-58
1.18	49.2	288.7	57.51	42.49	34-48
0.6	52.8	341.5	68.03	31.97	26-38
0.3	58.4	399.9	79.66	20.34	18-28
0.15	30.2	430.1	85.68	14.32	12-20
0.075	45.2	475.3	94.68	5.32	4-10

SIEVE SIZE mm	Trail 3				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	20.6	20.6	4.09	95.91	90-100
9.5	82.1	102.7	20.39	79.61	70-88
4.75	91.4	194.1	38.53	61.47	53-71
2.36	56.2	250.3	49.68	50.32	42-58
1.18	42.6	292.9	58.14	41.86	34-48
0.6	60.2	353.1	70.09	29.91	26-38
0.3	39.2	392.3	77.87	22.13	18-28
0.15	29.7	422	83.76	16.24	12-20
0.075	53.6	475.6	94.40	5.60	4-10

Table-03: Bitumen Content and gradation Test Results L.G Enclave Main Roadat random locations BC- (GRADE-II)

Landmark/Location	Opp To Veggie Box Shop	Opp To H.N - 38 Manoj Kumar House	Opp To Anugraha #16 L.G Enclave M.E Jyothish House
Description	Trail 1	Trail 2	Trail 3
1.Initial weight of sample (gms) w1	548.0	598	518.0
2. Initial weight of filter paper (gms) w2	2.0	2	2.0
3. final weight of sample after extraction (gms) w3	516.6	566.4	489.8
4. Final weight of filter paper (gms) w4	4.0	4	4.00
5.Increased weight of filter paper (gms) w5=(w4-w2)	2.0	2	2.00
6. Weight of Bitumen Extracted (gms). w6=w1-w3+w5	33.4	33.6	30.2
7. Bitumen content in % (w6/w1)x100	6.09	5.62	5.83
8.Average	5.84		

SIEVE SIZE Mm	Trail 1				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	18.5	18.5	3.58	96.42	90-100
9.5	86.4	104.9	20.31	79.69	70-88
4.75	100.2	205.1	39.70	60.30	53-71
2.36	46.8	251.9	48.76	51.24	42-58
1.18	33.4	285.3	55.23	44.77	34-48
0.6	52.6	337.9	65.41	34.59	26-38
0.3	52.4	390.3	75.55	24.45	18-28
0.15	53.2	443.5	85.85	14.15	12-20
0.075	45.6	489.1	94.68	5.32	4-10

SIEVE SIZE Mm	Trail 2				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	20.6	20.6	3.64	96.36	90-100
9.5	85.4	106	18.71	81.29	70-88
4.75	112.2	218.2	38.52	61.48	53-71
2.36	47.6	265.8	46.93	53.07	42-58
1.18	42.3	308.1	54.40	45.60	34-48
0.6	65.8	373.9	66.01	33.99	26-38
0.3	59.3	433.2	76.48	23.52	18-28
0.15	54.0	487.2	86.02	13.98	12-20
0.075	52.1	539.3	95.22	4.78	4-10

SIEVE SIZE Mm	Trail 3				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	13.2	13.2	2.69	97.31	90-100
9.5	90.4	103.6	21.15	78.85	70-88
4.75	108.4	212	43.28	56.72	53-71
2.36	50.4	262.4	53.57	46.43	42-58
1.18	31.8	294.2	60.07	39.93	34-48
0.6	49.8	344	70.23	29.77	26-38
0.3	48.0	392	80.03	19.97	18-28
0.15	32.0	424	86.57	13.43	12-20
0.075	35.0	459	93.71	6.29	4-10

Table-04: Bitumen Content and gradation Test Results 3rd Main Road-5th Block HMT Layoutat random locations

BC- (GRADE-II)

Landmark/Location	Near Surabhi #775 House	Opp To #799 House	Near 19th Cross Vacant Site
Description	Trial 1	Trail 2	Trail 3
1.Initial weight of sample (gms) w1	540	531.0	534.0
2. Initial weight of filter paper (gms) w2	2	2.0	2.0
3. final weight of sample after extraction (gms) w3	512	502.0	503.8
4. Final weight of filter paper (gms) w4	4	4.00	4.00
5.Increased weight of filter paper (gms) w5=(w4-w2)	2	2.00	2.00
6. Weight of Bitumen Extracted (gms). w6=w1-w3+w5	30	31.0	32.2
7. Bitumen content in % (w6/w1)x100	5.56	5.84	6.03
8.Average		5.81	

SIEVE SIZE Mm	Trail 1				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	18.5	18.5	3.61	96.39	90-100
9.5	88.4	106.9	20.88	79.12	70-88
4.75	103.2	210.1	41.04	58.96	53-71
2.36	52.6	262.7	51.31	48.69	42-58
1.18	35.4	298.1	58.22	41.78	34-48
0.6	70.2	368.3	71.93	28.07	26-38
0.3	45.2	413.5	80.76	19.24	18-28
0.15	35.3	448.8	87.66	12.34	12-20
0.075	35.2	484	94.53	5.47	4-10

SIEVE SIZE Mm	Trail 2				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	15.2	15.2	3.03	96.97	90-100
9.5	94.2	109.4	21.79	78.21	70-88
4.75	112.4	221.8	44.18	55.82	53-71
2.36	52.7	274.5	54.68	45.32	42-58
1.18	32.6	307.1	61.18	38.82	34-48
0.6	52.8	359.9	71.69	28.31	26-38
0.3	40.2	400.1	79.70	20.30	18-28
0.15	34.6	434.7	86.59	13.41	12-20
0.075	34.5	469.2	93.47	6.53	4-10

SIEVE SIZE Mm	Trail 3				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	20.6	20.6	4.09	95.91	90-100
9.5	98.6	119.2	23.66	76.34	70-88
4.75	76.8	196	38.90	61.10	53-71
2.36	52.4	248.4	49.31	50.69	42-58
1.18	42.2	290.6	57.68	42.32	34-48
0.6	60.2	350.8	69.63	30.37	26-38
0.3	40.2	391	77.61	22.39	18-28
0.15	30.2	421.2	83.60	16.40	12-20
0.075	45.2	466.4	92.58	7.42	4-10

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Table-05: Bitumen Content and gradation Test Results 9th Cross Road-4th Block HMT Layout at random locations

BC- (GRADE-II)

Landmark/Location	Opp To Kamesh 902 JayaprakasamSaraswathi House	Opp To DhaniBeedu #927 House	Opp To 935 Santosh House
Description	Trial 1	Trail 2	Trail 3
1.Initial weight of sample (gms) w1	526.0	534	530.0
2. Initial weight of filter paper (gms) w2	2.0	2	2.0
3. final weight of sample after extraction (gms) w3	498.6	505.8	501.2
4. Final weight of filter paper (gms) w4	4.0	4	4.0
5.Increased weight of filter paper (gms) w5=(w4-w2)	2.0	2	2.0
6. Weight of Bitumen Extracted (gms). w6=w1-w3+w5	29.4	30.2	30.8
7. Bitumen content in % (w6/w1)x100	5.59	5.66	5.81
8.Average	5.68		

SIEVE SIZE Mm	Trail 1				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	15.2	15.2	3.03	96.97	90-100
9.5	94.2	109.4	21.79	78.21	70-88
4.75	85.6	195	38.84	61.16	53-71
2.36	52.7	247.7	49.34	50.66	42-58
1.18	42.6	290.3	57.83	42.17	34-48
0.6	52.8	343.1	68.35	31.65	26-38
0.3	38.4	381.5	76.00	24.00	18-28
0.15	31.4	412.9	82.25	17.75	12-20
0.075	56.8	469.7	93.57	6.43	4-10

SIEVE SIZE Mm	Trail 2				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	10.6	10.6	2.10	97.90	90-100
9.5	86.2	96.8	19.21	80.79	70-88
4.75	89.8	186.6	37.04	62.96	53-71
2.36	56.4	243	48.23	51.77	42-58
1.18	43.6	286.6	56.89	43.11	34-48
0.6	66.8	353.4	70.15	29.85	26-38
0.3	42.6	396	78.60	21.40	18-28
0.15	30.2	426.2	84.60	15.40	12-20
0.075	52.6	478.8	95.04	4.96	4-10

SIEVE SIZE Mm	Trail 3				Requirement as per MORTH table 500.17
	Weight Retained, gm	Cumulative Weight Retained	%Cumulative Retained	% Passing	
19.00	0.0	0	0.00	100.00	100
13.2	10.2	10.2	2.03	97.97	90-100
9.5	90.6	100.8	20.08	79.92	70-88
4.75	126.4	227.2	45.26	54.74	53-71
2.36	62.2	289.4	57.65	42.35	42-58
1.18	40.2	329.6	65.66	34.34	34-48
0.6	28.4	358	71.31	28.69	26-38
0.3	32.2	390.2	77.73	22.27	18-28
0.15	34.6	424.8	84.62	15.38	12-20
0.075	40.2	465	92.63	7.37	4-10

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Table-06: Rebound Hammer Test Results for

Sl. No.	Landmark	Member	Rebound Hammer Number	Average reading	Compressive Strength (N/mm2)	Impact Direction
Sample Tested Location at : Naidu Layout						
1	Main Road Near to 2nd cross road culvert	Precast Cover Slab (M20)	28	30	28	Vertical down
2			32			
3			30			
4			28			
5			30			
1		Kerb Stone (M20)	33	34	30	Horizontal
2			34			
3			35			
4			33			
5			34			
1		RCC Drain wall (M20)	28	28	20	Horizontal
2			26			
3			26			
4			28			
5			30			
1	2nd Cross Road opp to sabari villa house	RCC Drain wall (M20)	26	28	20	Horizontal
2			28			
3			26			
4			30			
5			28			
1		Precast Cover Slab (M20)	28	28	26	Vertical down
2			30			
3			30			
4			28			
5			26			

Table-07: Rebound Hammer Test Results

Sl. No.	Landmark	Member	Rebound Hammer Number	Average reading	Compressive Strength (N/mm2)	Impact Direction
Sample Tested Location at : 1st Cross road mariyamma block						
1	Near to Ashiward #4 house	CC Road (M30)	35	34	32	Vertical down
2			34			
3			34			
4			33			
5			34			
6			33			
7			35			
8			35			

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Conclusion:

The file containing **2nd& part bill** has been submitted for the above work to QA department on 19.07.2023 requesting for spot inspection. Engineers of QA/QC division have visited the work spot on 31.07.2023 & 14.09.2023

PMC team was instructed to assess the strength of concrete used RCC Drain Wall (M20), Precast cover Slab (M20), Kerb Stone (M20), CC Road (M30)by Rebound Hammer Test and also Gradation & Bitumen content test for DBM (Grade II) &BC (Grade-II) on Asphalted road . The Rebound hammer testand Bitumen Content and Gradation Tests were conducted by PMC in presence of engineer in charge of work.

From the test results furnished by PMC, it is concluded that the results of the samplescollected are in accordance with the standards/ specifications mention in the IRC codes. However, the results submitted by the PMC have been reproduced here with for further needful action. The results checked by QA/QC relates only for item tested in the particular location randomly.

Engineer in charge of work shall ensure that work executed as per this bill is not claimed in any other bill /work or else Engineer in charge of work shall be held responsible.

Further, QA/QC directs the Engineer in-charge of the work that all materials used for the work shall be inspected, tested and accepted as per the relevant specifications before incorporation in the work. The frequencies and methods of sampling and testing materials, including those required for definite purpose and not covered by MORT&H specifications shall be in accordance to the relevant IRC or BIS or AASHTO/ASTM/BS standards in order of priority.

All materials or work not conforming to the requirements of the specifications shall be considered unacceptable and rejected. The unacceptable materials or works that are rejected shall be immediately removed unless the defects are corrected and approved by the engineer in-charge of work.

The concerned Engineer in charge of the work shall follow the direction issued by Chief Commissioner Letter number dated 01.08.2022 and 14.09.2022 and take necessary action as appropriate in accordance with the law.

Note: -

This report by QA/QC is pertaining to the work carried out in **2nd & part bill** only. Therefore, further QA/QC reports shall be obtained for the items of work carried out in future Running Account bill / Final bill.

Safety precautions shall be taken at work spot to prevent any mishap, injuries or loss of life to general public and construction workers according to guidelines laid down in code of practices.

Engineer in charge of work shall obtain requisite approval and Implement traffic management plan prior to commencement of work.

Engineer in charge of work shall display details of work, work code, cost of project, start and completion date, and information of Engineer in charge of work with contact numbers at work spot.

Engineer in charge of work and Agency shall ensure that if any damages or defects occur pertaining to the executed work within the Defect Liability period (DLP), The same shall be rectified immediately on top priority without fail.

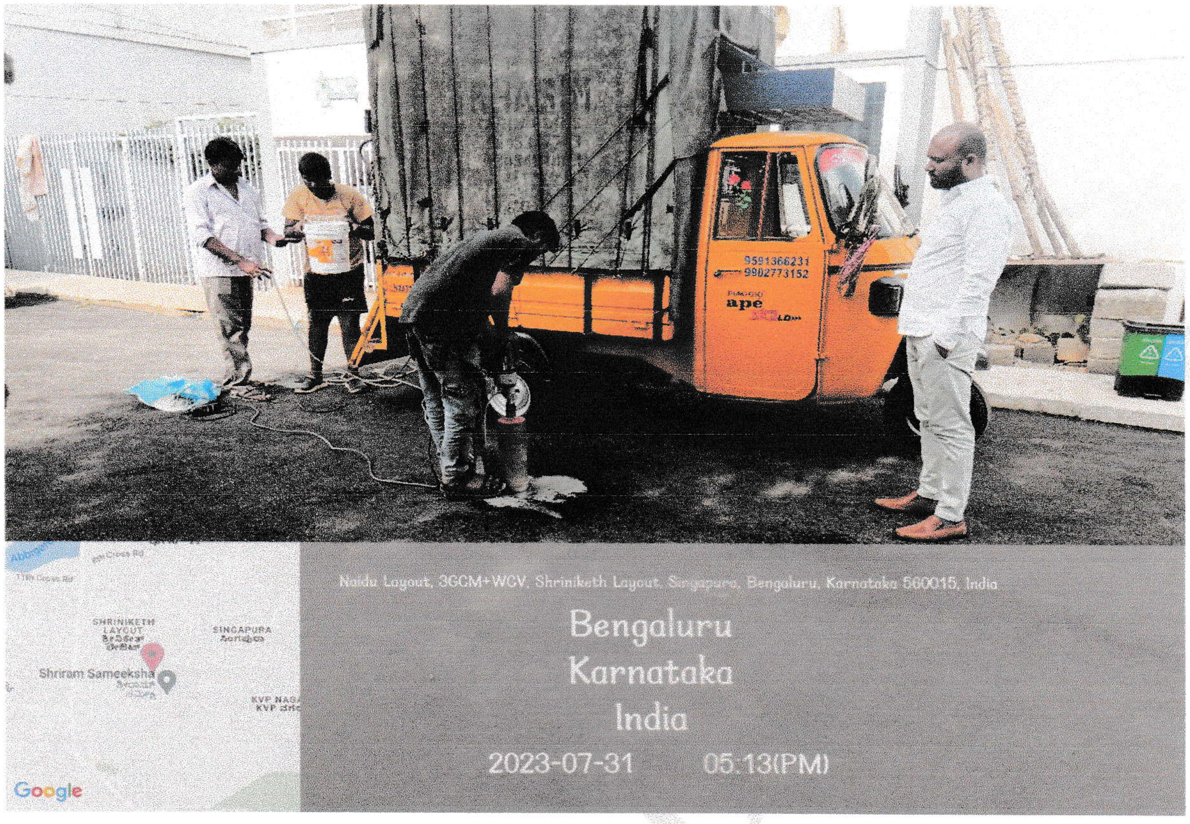
Engineer in charge of work shall ensure that any changes/ modification/change in location in the sanctioned estimate to be got approved by competent authority.

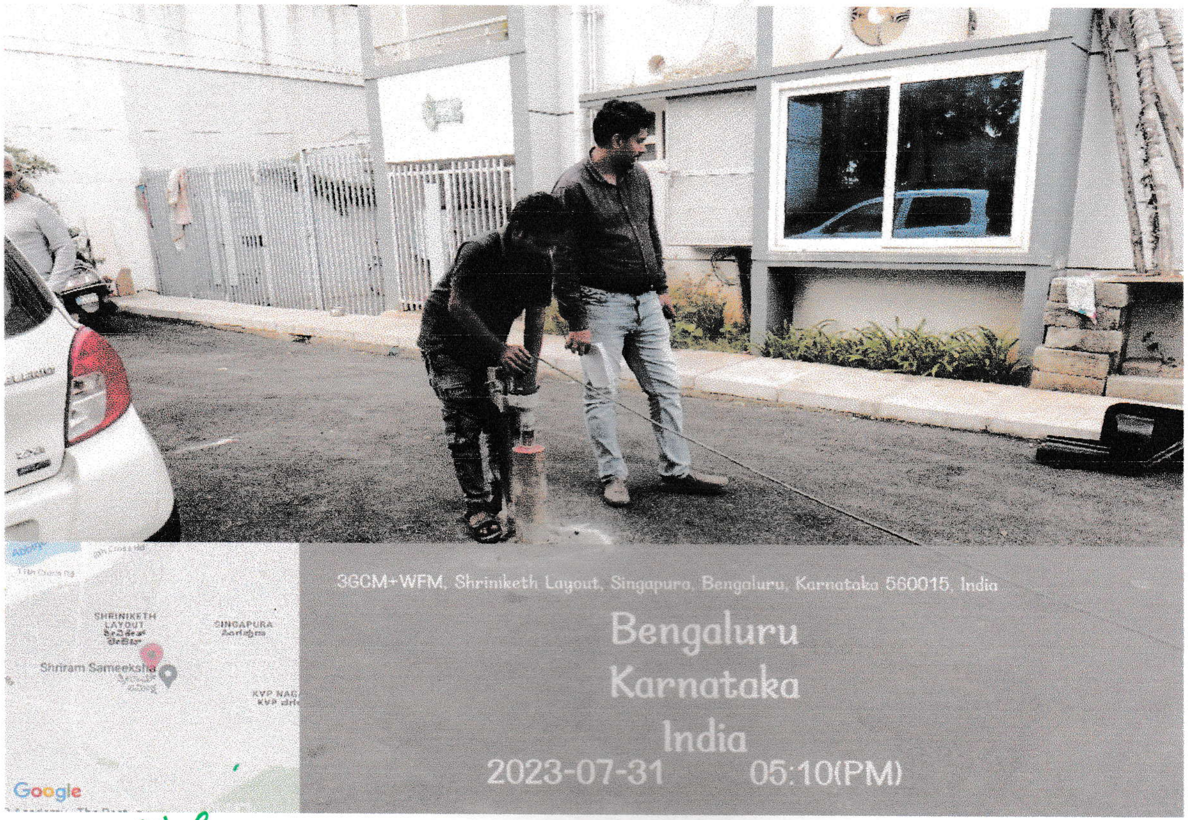
30/9/23 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

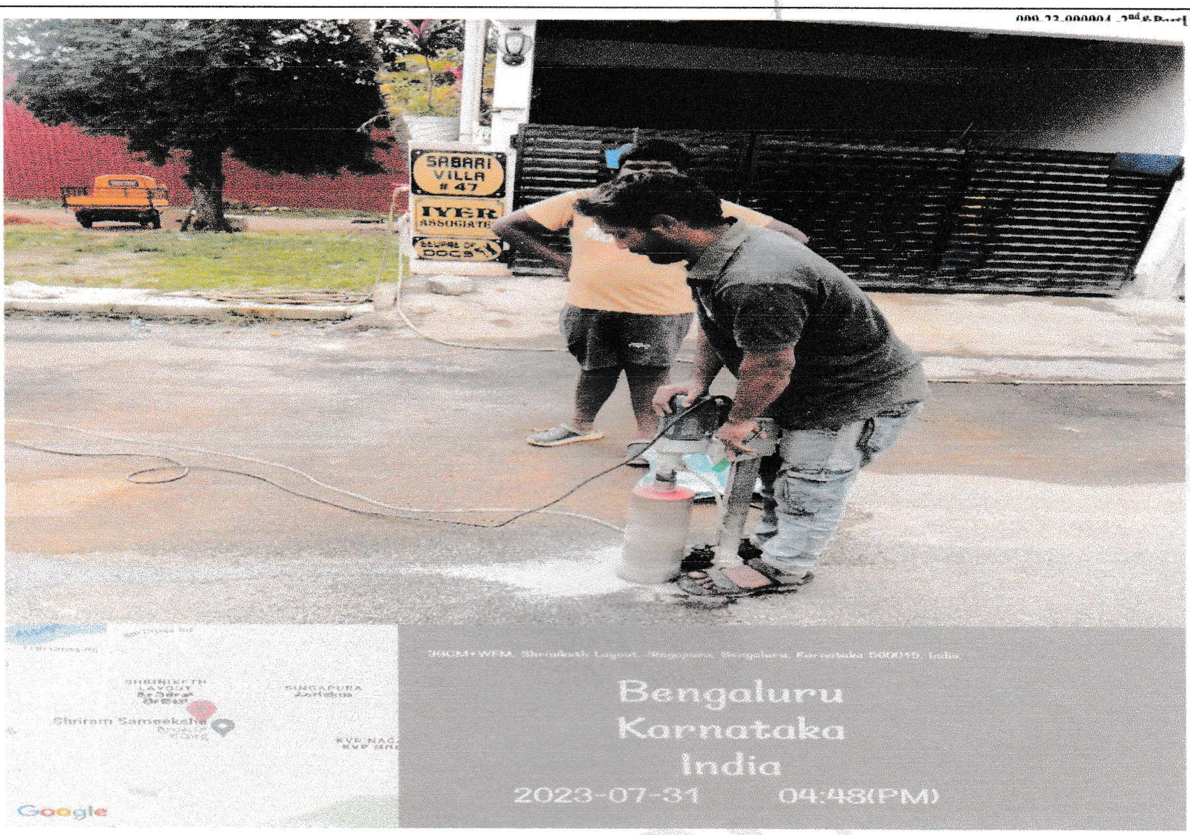
30/9/23 ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

30/9 ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Location 1: 2nd Cross Road - Naidu Layout (Opp To Krishna #42 House, RHS Near 2nd Cross Road Culvert, Opp To Sabari Villa #47 House)







K.M 30/9/23

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

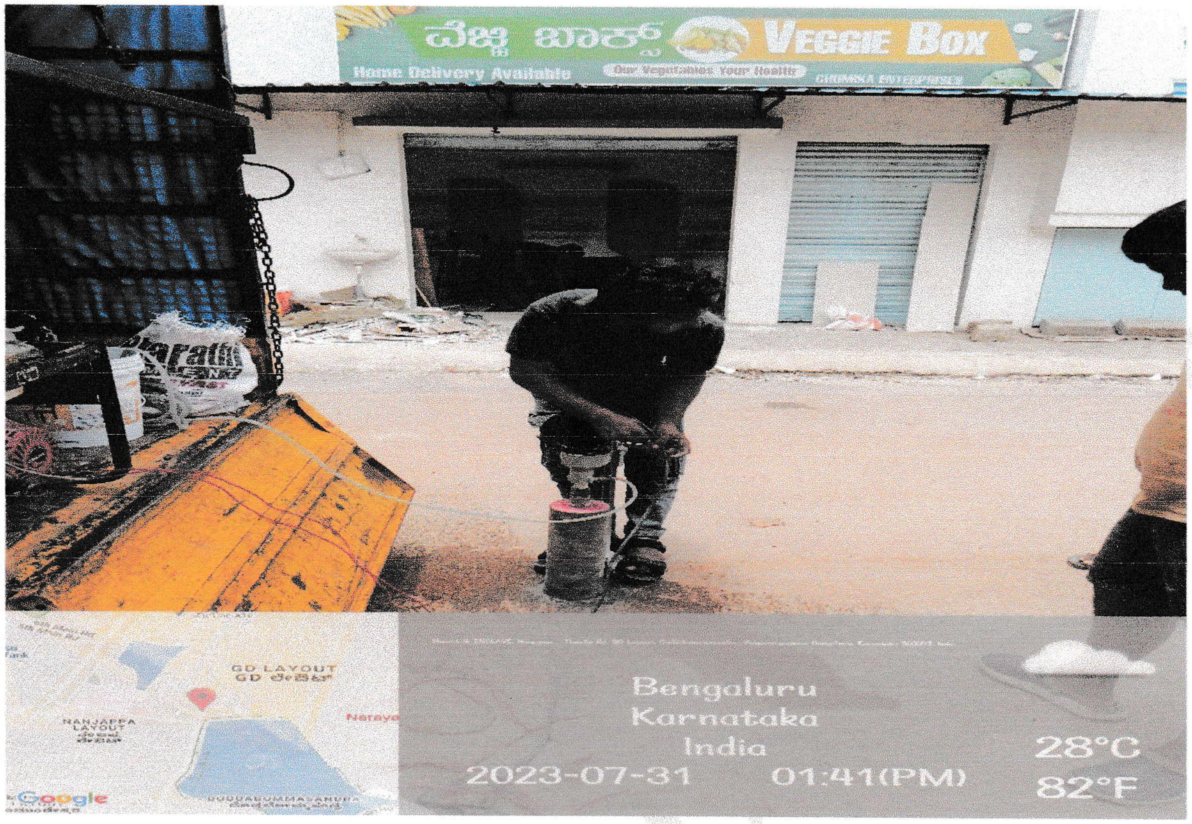
30/9/23

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

30/9

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Location 2: L.G Enclave Main Road(Opp To Veggie Box Shop, Opp To H.N - 38 Manoj Kumar House, Opp To Anugraha #16 L.G Enclave M.E Jyothish House)



K.M Ethalli 30/9/23

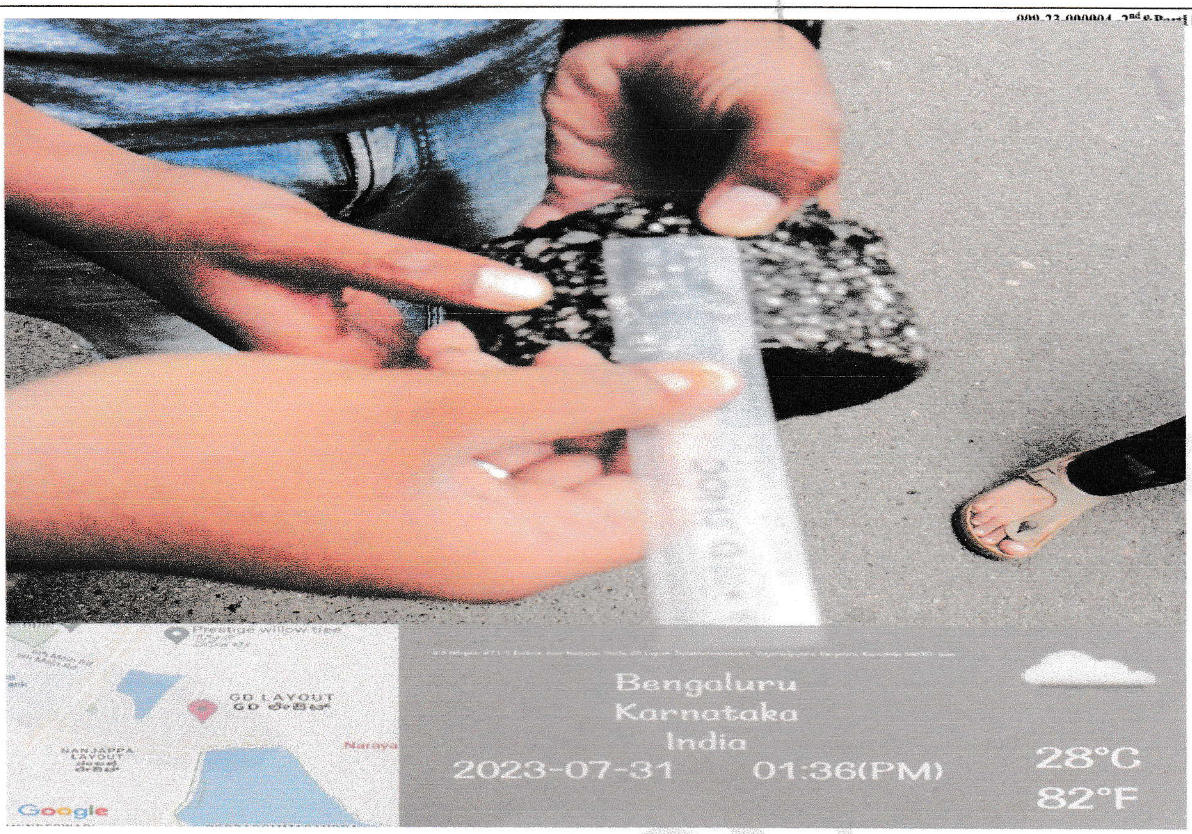
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

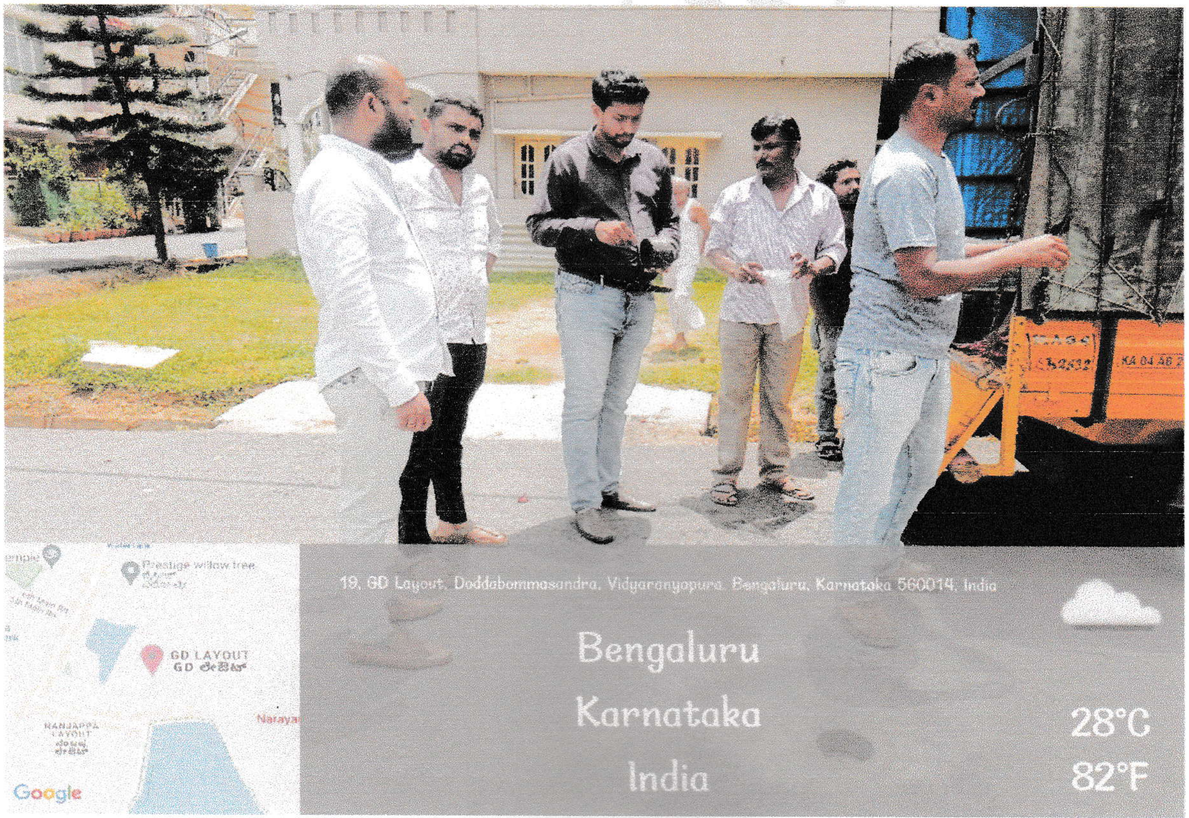
30/9/23

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

30/9

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ





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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
[illegible]

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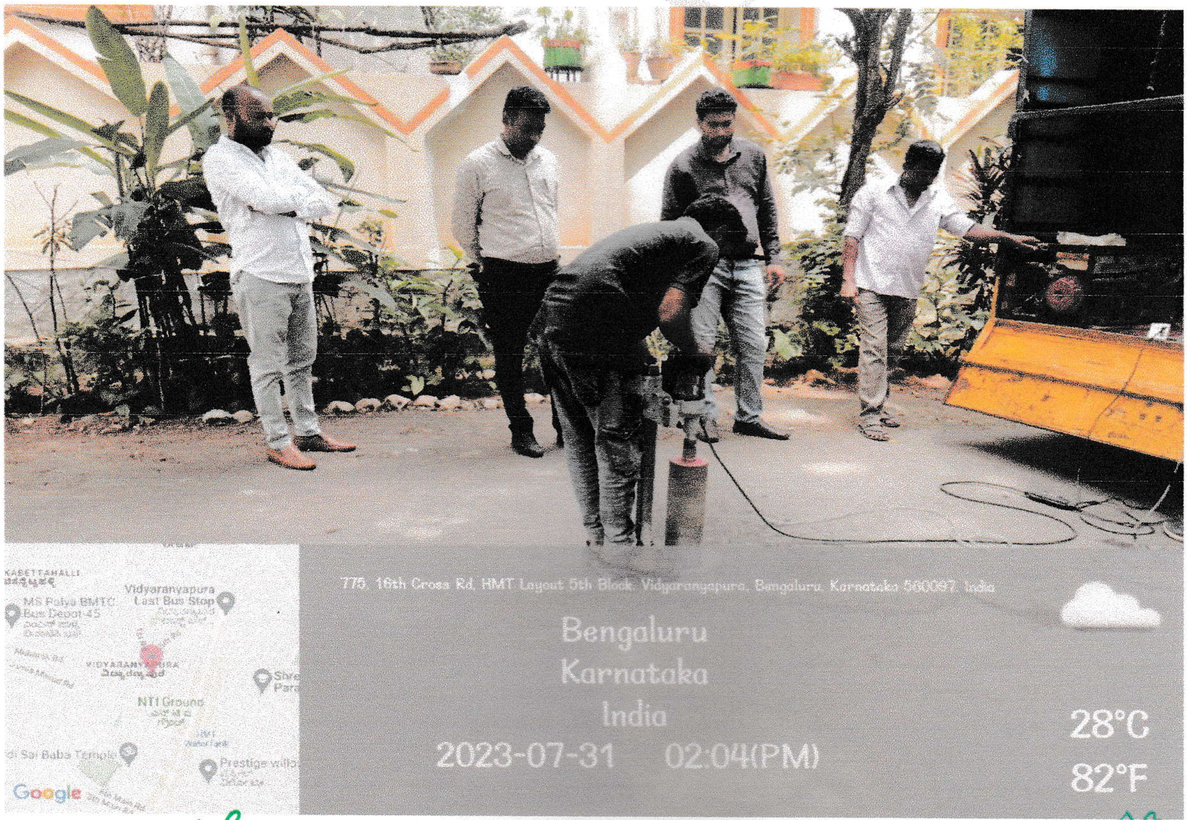
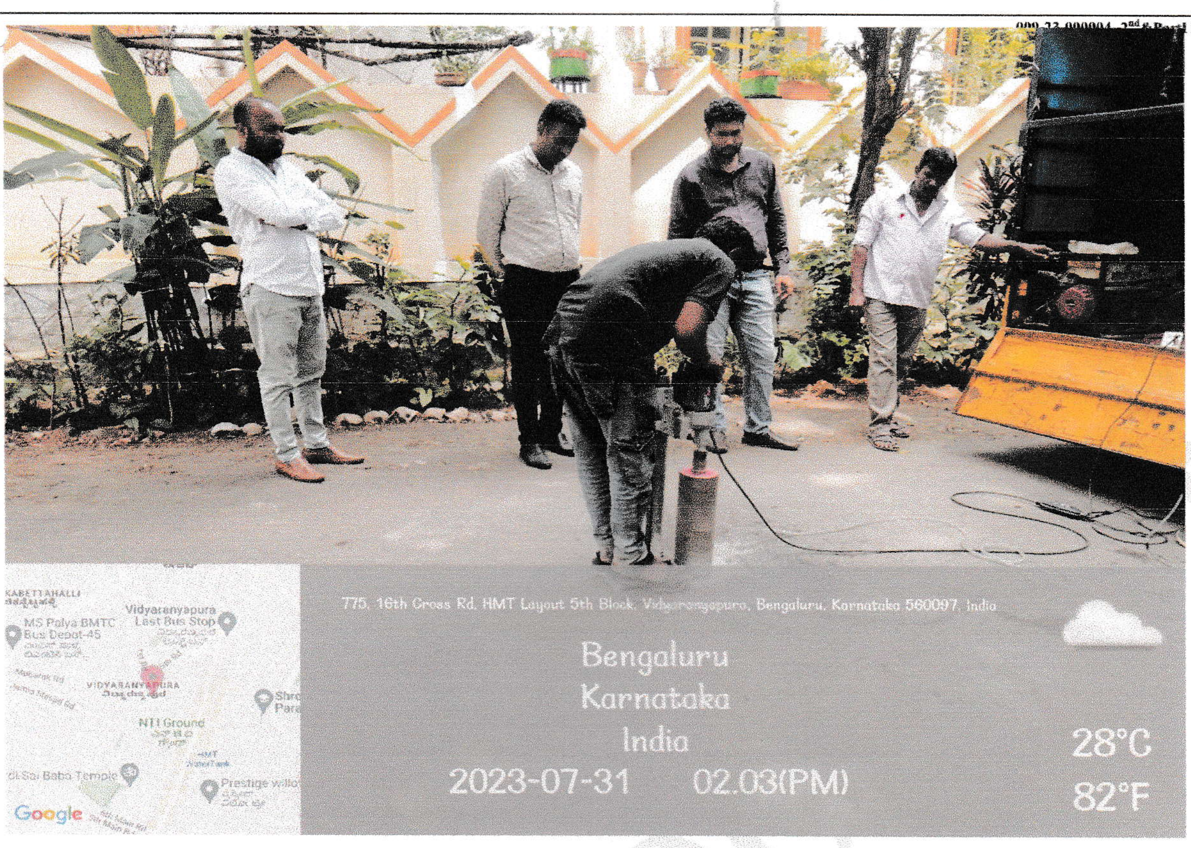
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

30/9
ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Location 3: 3rd Main Road-5th Block HMT Layout(Near Surabhi #775 House, Opp To #799 House, Near 19th Cross Vacant Site)





K.M. 30/9/23

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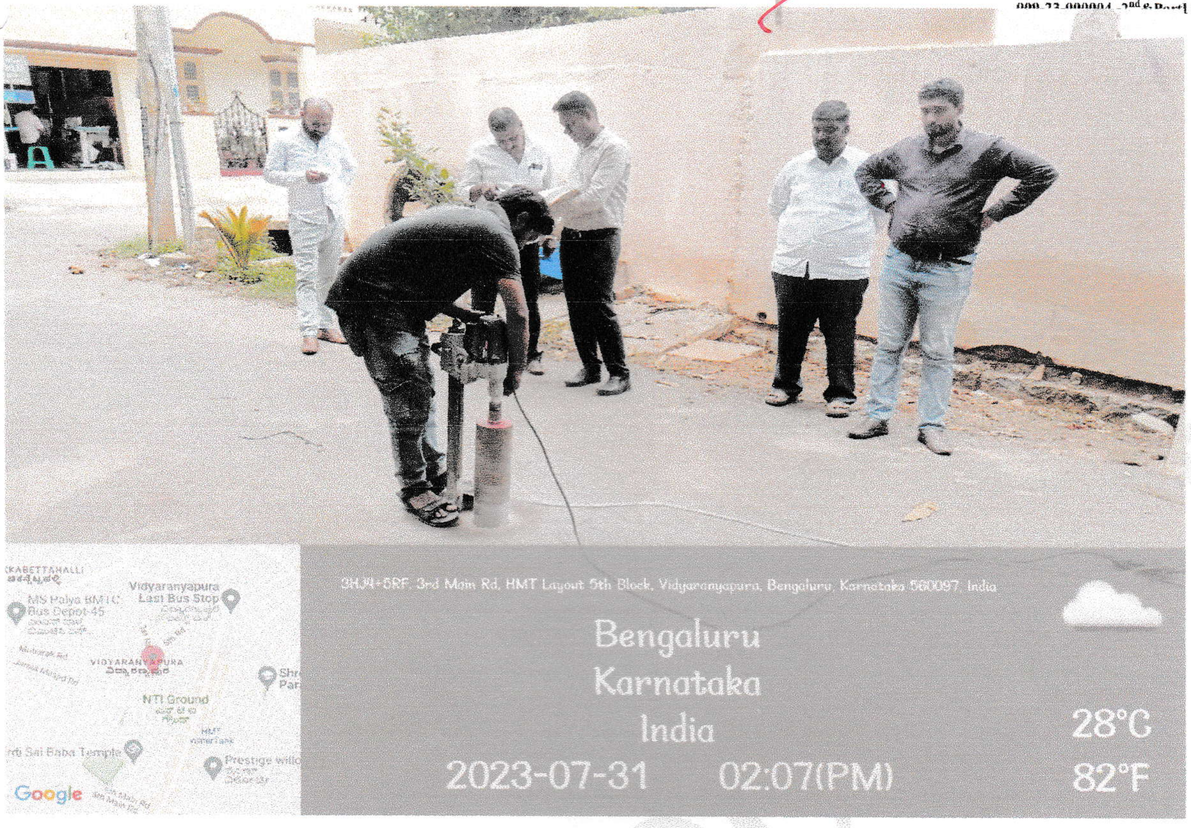
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

30/9

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ



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ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Location 4: 9th Cross Road-4th Block HMT Layout (Opp To Kamesh 902 Jayaprakasam Smt. Saraswathi House, Opp To Dhani Beedu #927 House, Opp To 935 Santosh House)

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ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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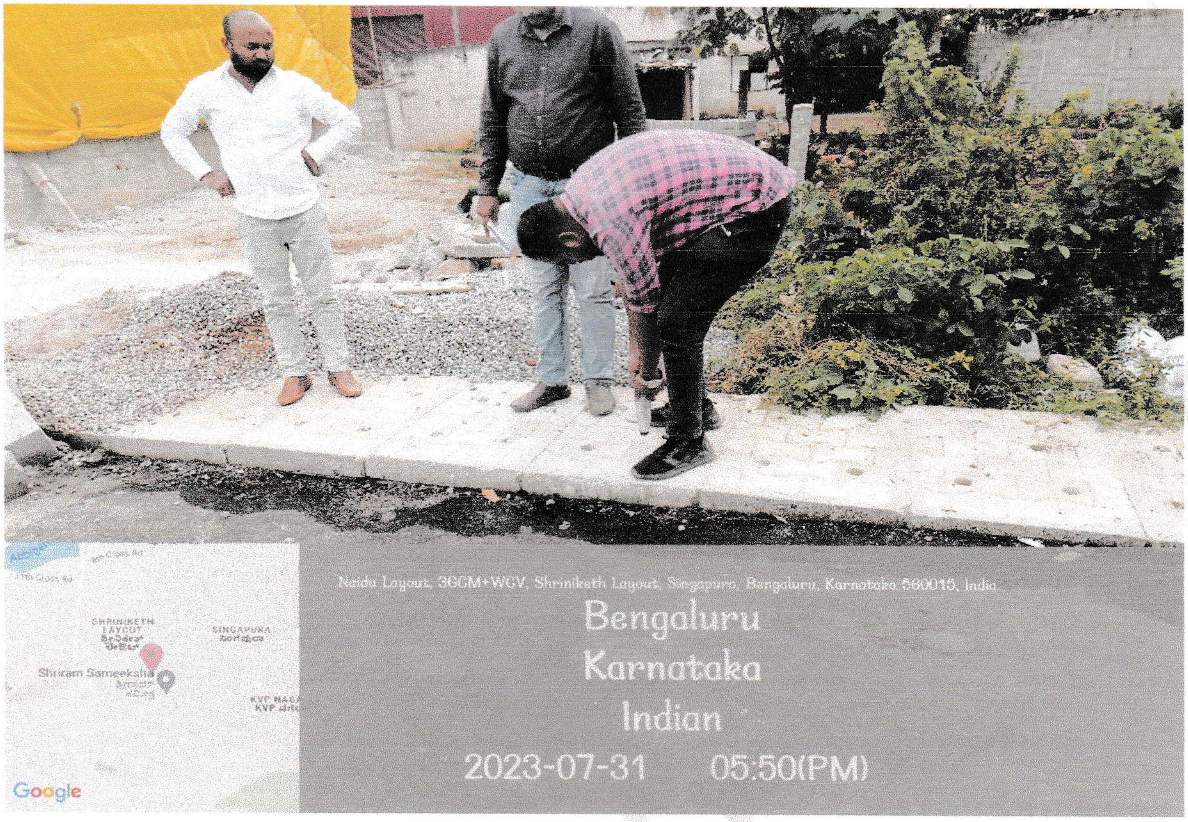
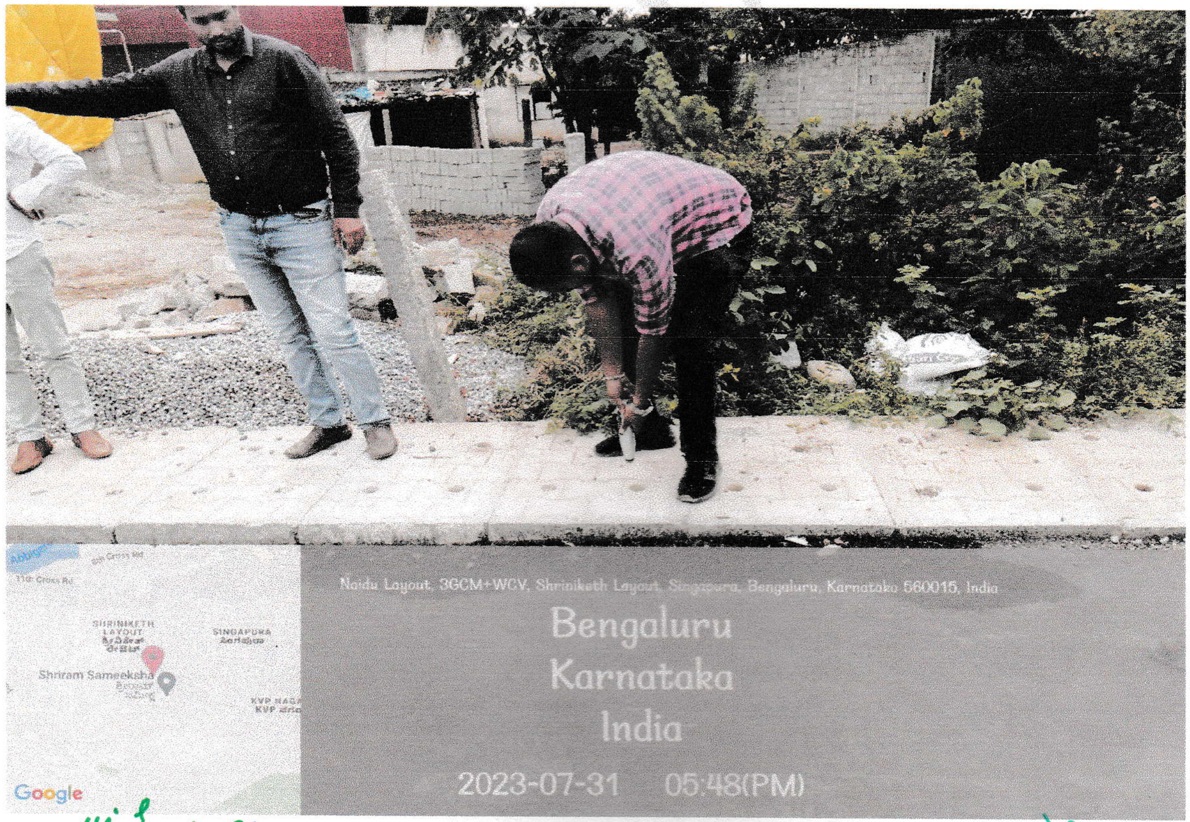
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

[signature] 30/9
ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Location 5: Naidu Layout (Main Road Near to 2nd cross road culvert, 2nd Cross Road opp to sabari villa house)





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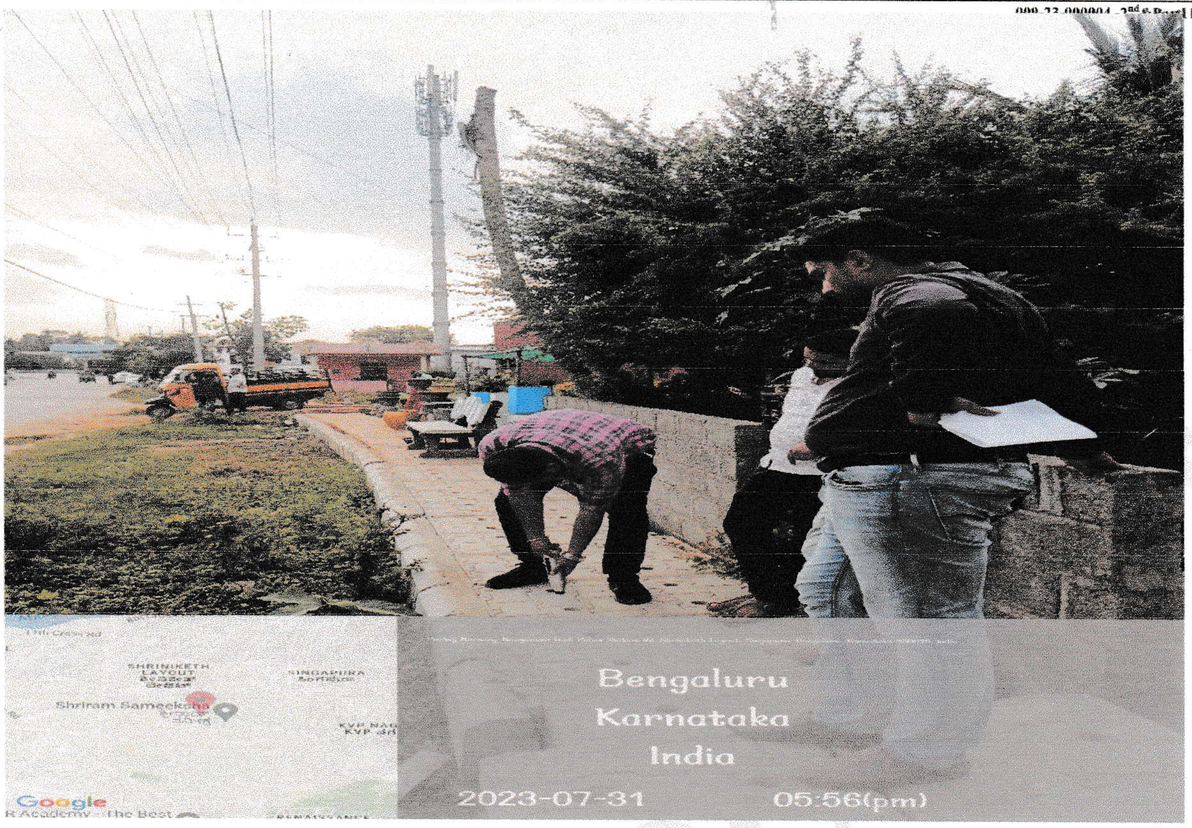
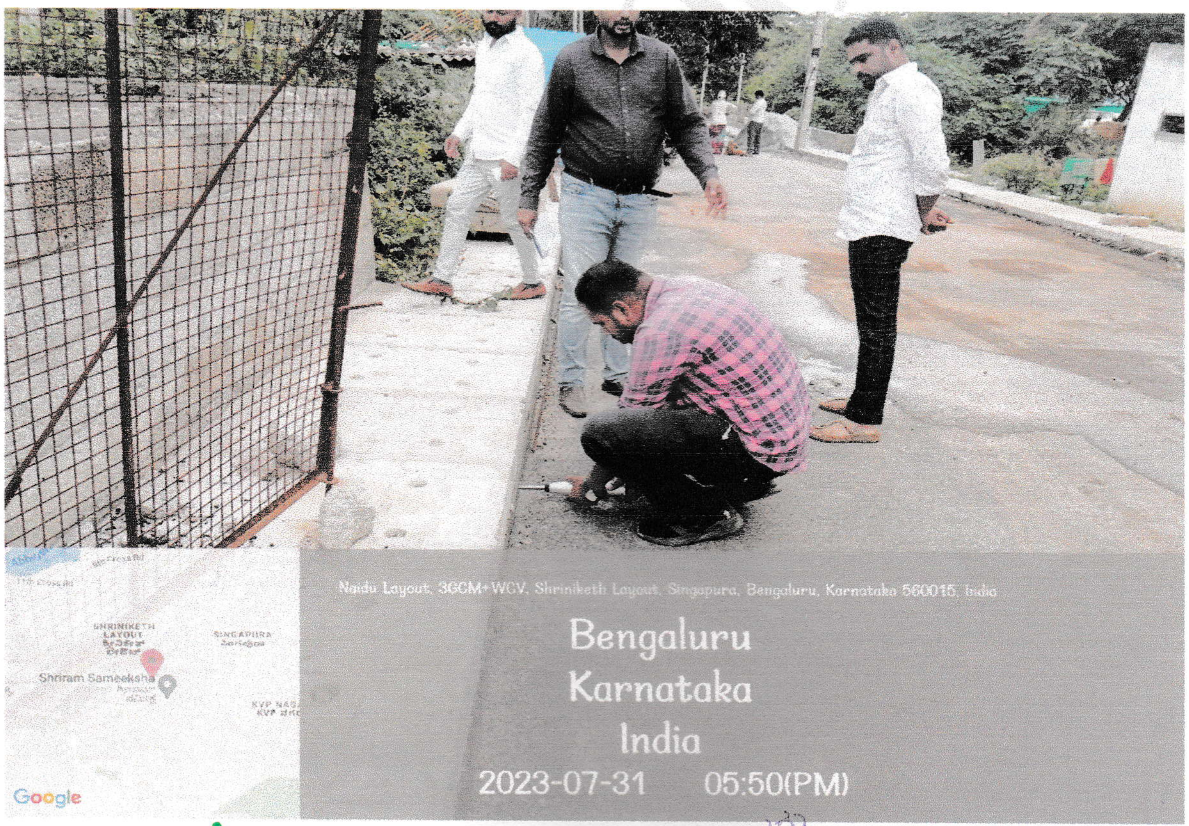
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ





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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

30/9/23
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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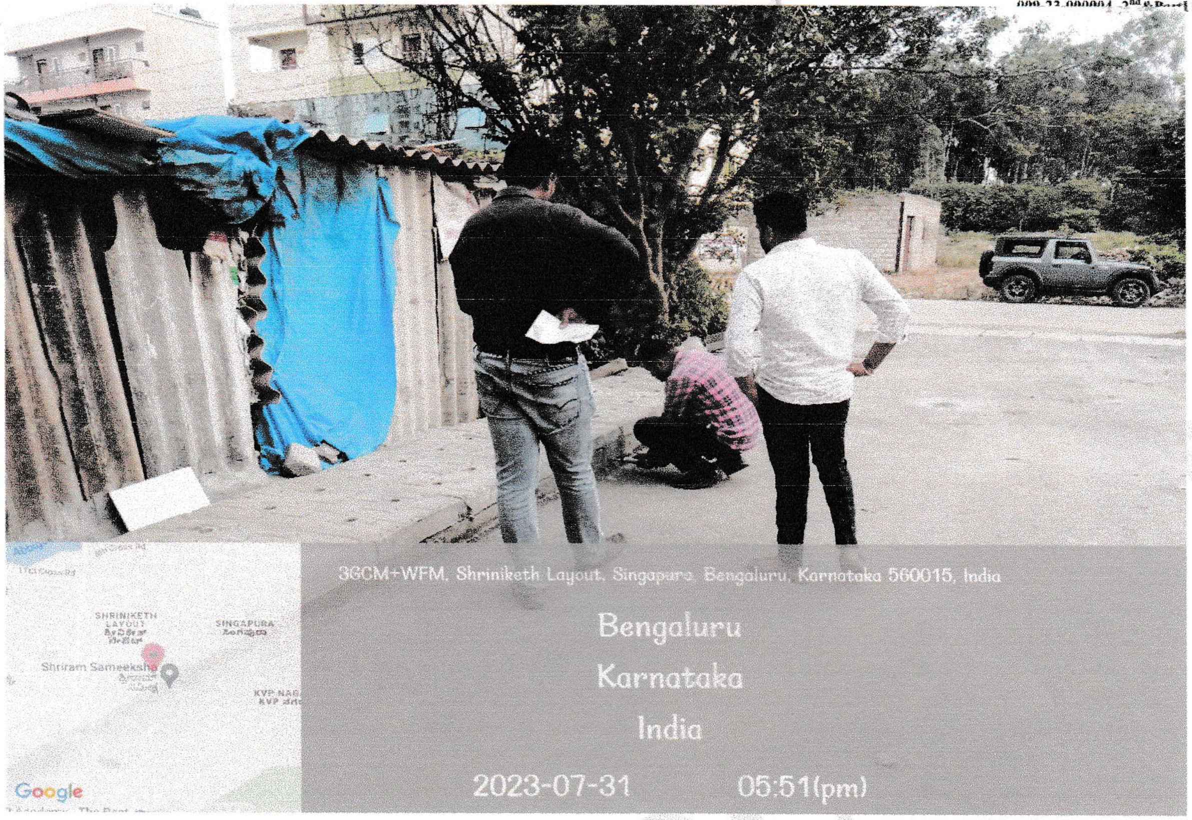
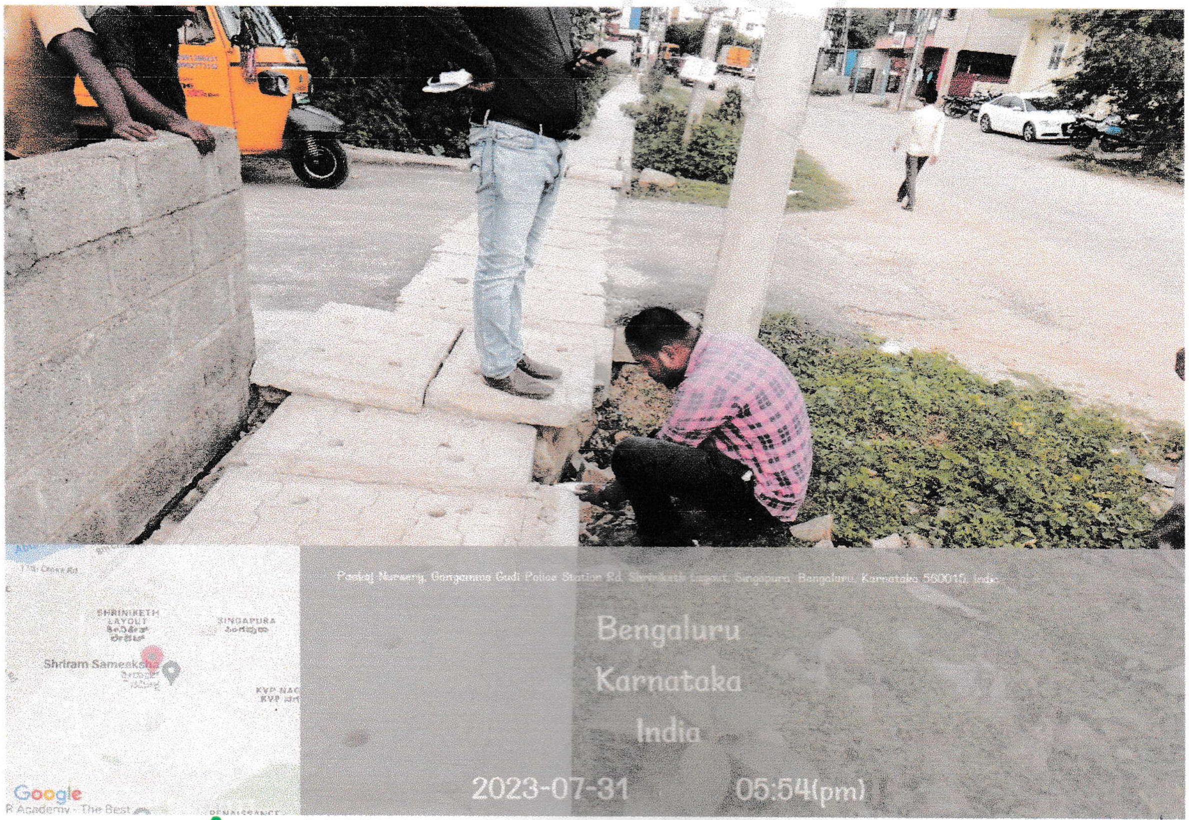
ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ





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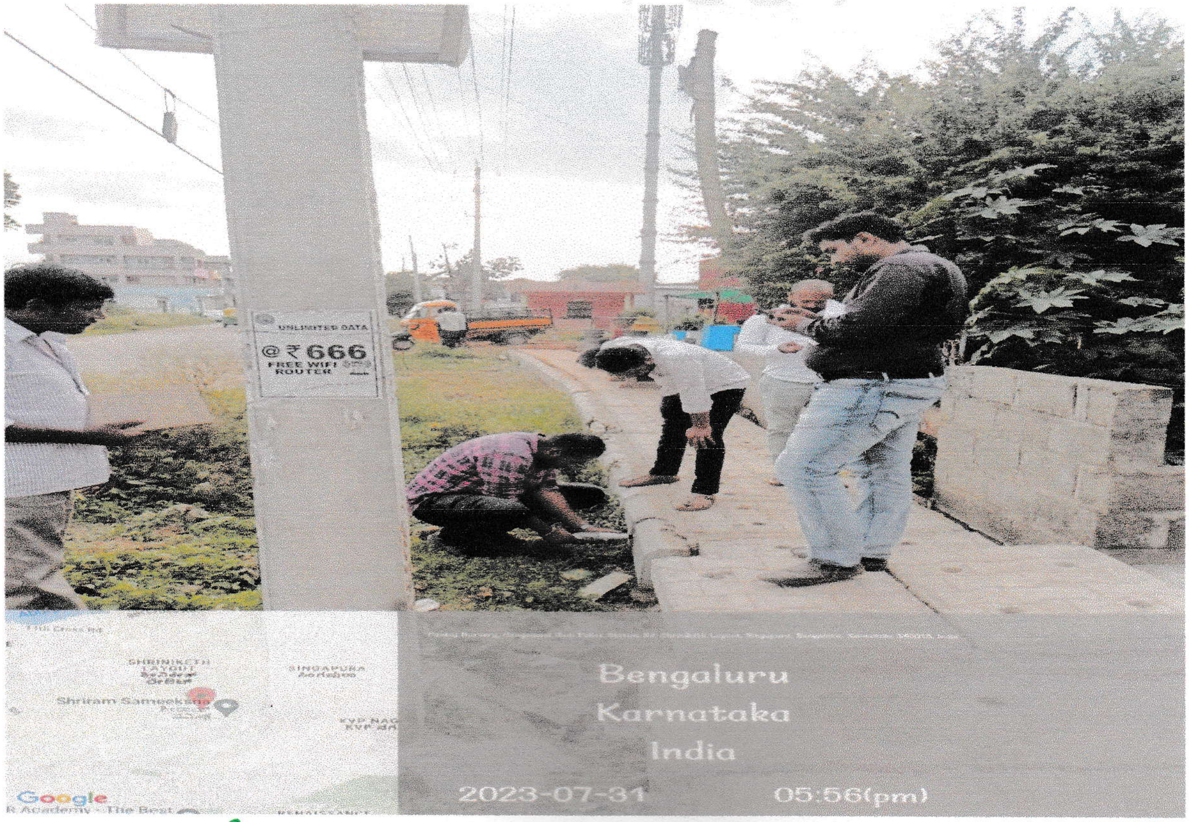
30/9/23

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

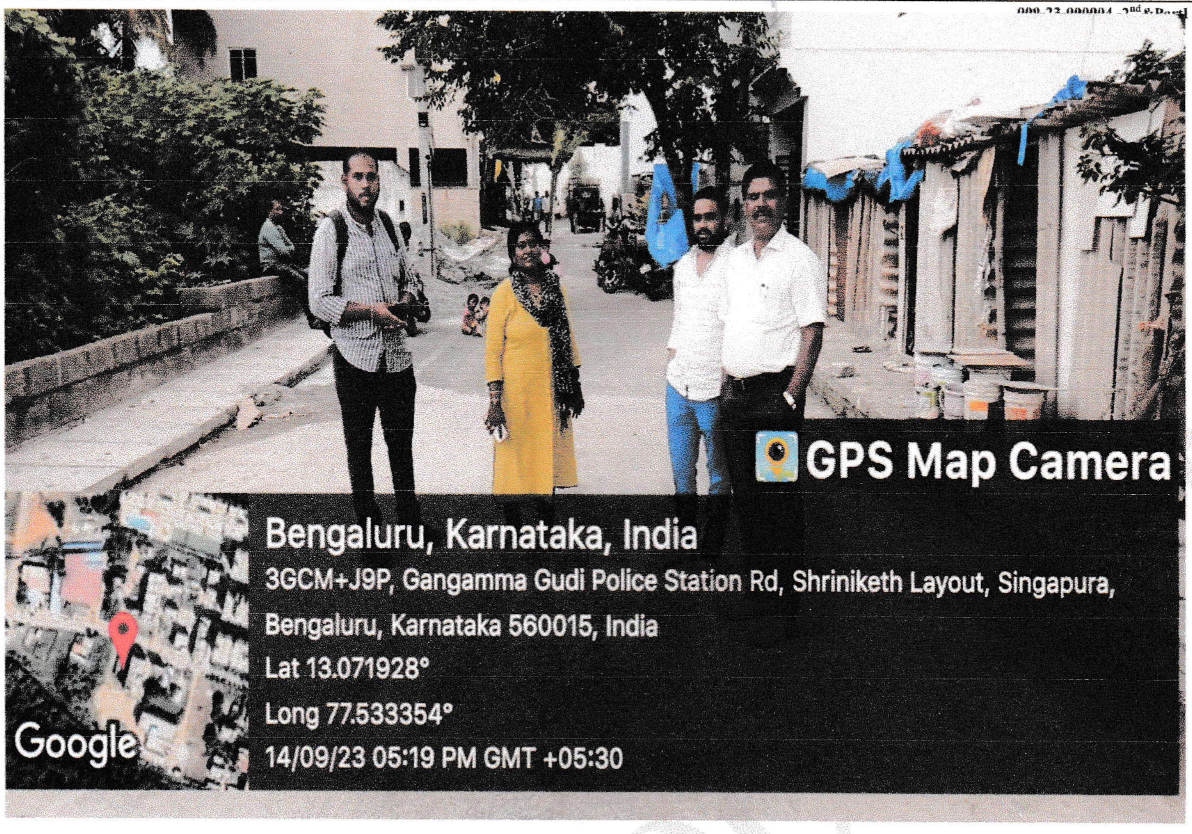
ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

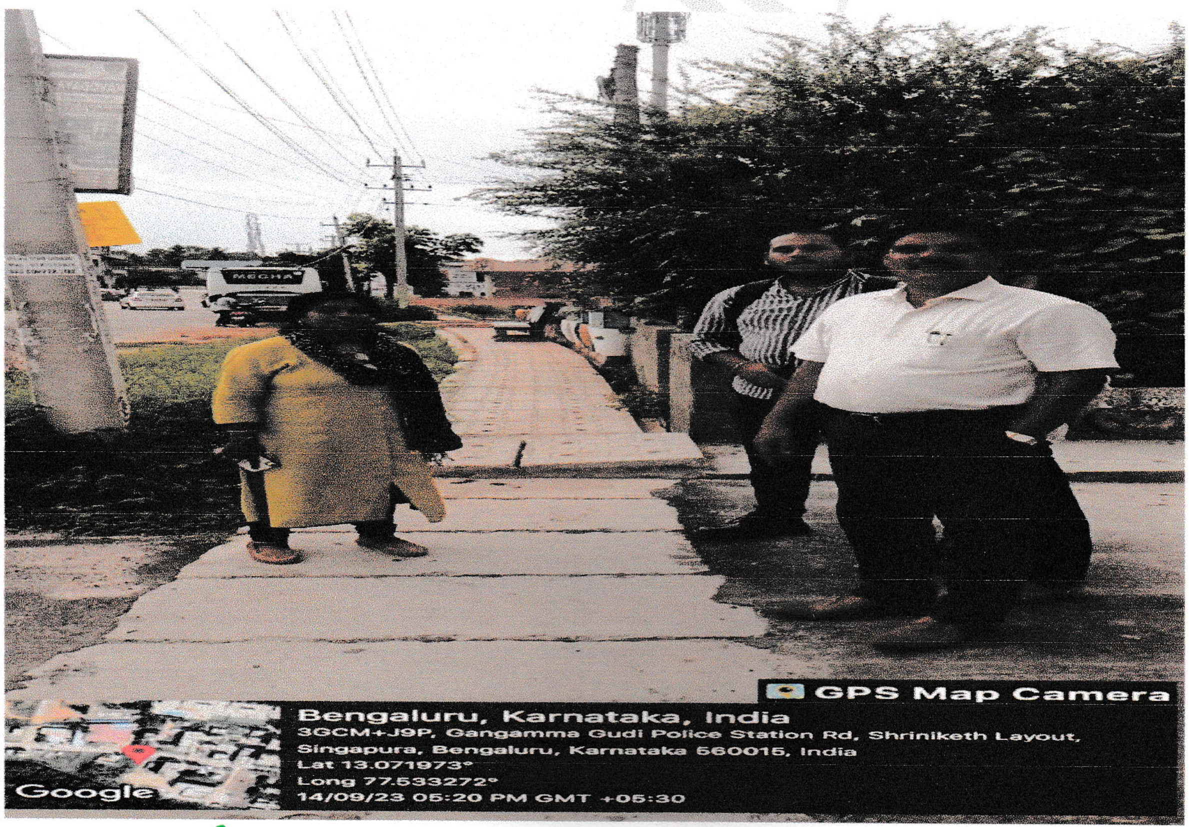


K.M 30/9/23
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

30/9/23
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ





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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

[signature] 30/9/23
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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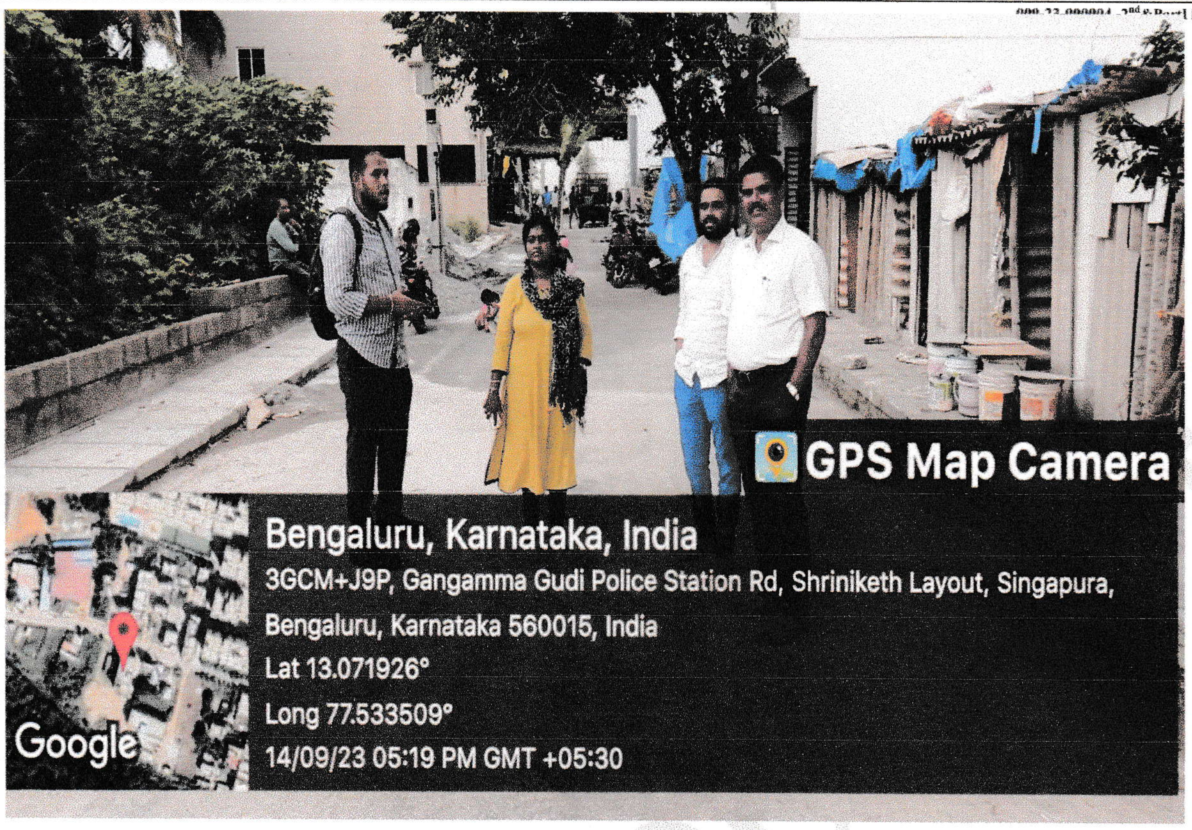
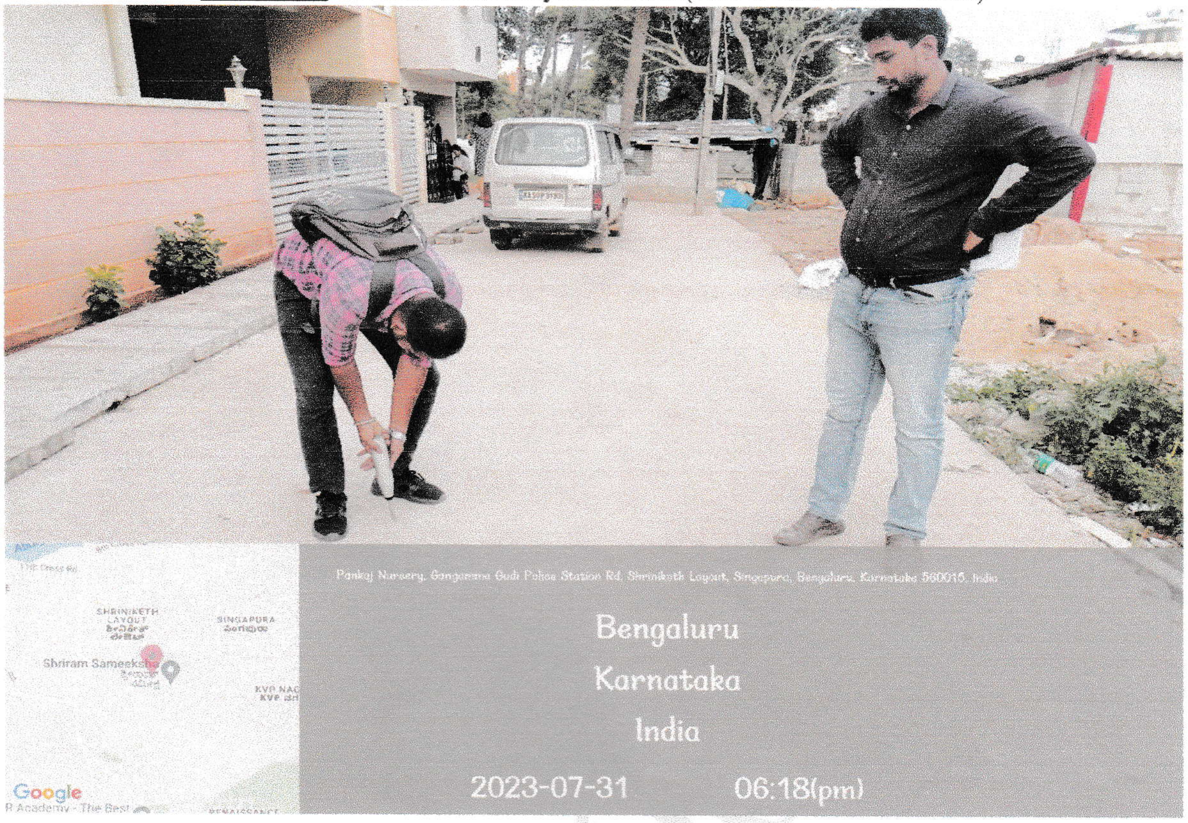
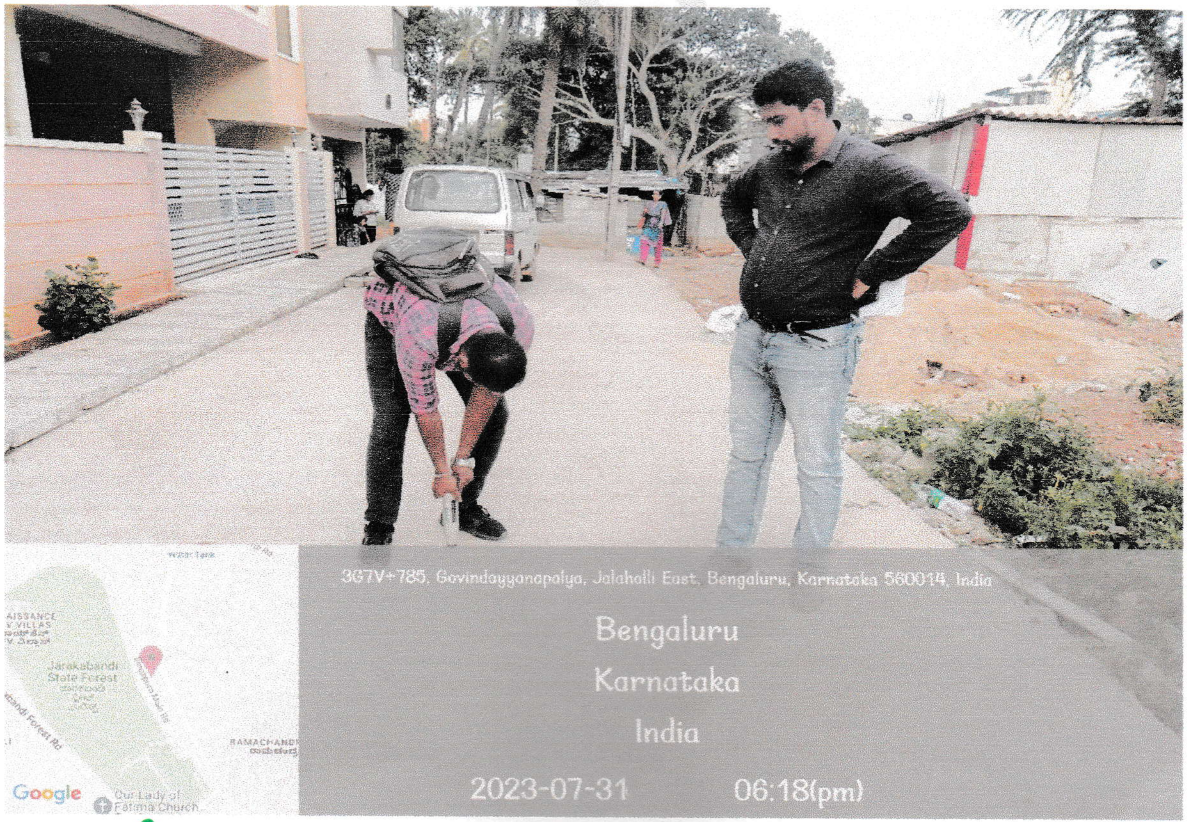
ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ


GPS Map Camera
Google
Bengaluru, Karnataka, India
3GCM+J9P, Gangamma Gudi Police Station Rd, Shriniketh Layout, Singapura, Bengaluru, Karnataka 560015, India
Lat 13.071926°
Long 77.533509°
14/09/23 05:19 PM GMT +05:30

GPS Map Camera
Google
Bengaluru, Karnataka, India
3GCM+WFM, Shriniketh Layout, Singapura, Bengaluru, Karnataka 560015, India
Lat 13.07232°
Long 77.533933°
14/09/23 05:17 PM GMT +05:30

<u>Location 6:</u> 1st Cross road mariyamma block(Near to Ashiward #4 house)





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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ